

BELZONA REPAIRS/PROTECTS LP STEAM DIAPHRAGM

ID: 482



PROBLEM

Erosion

APPLICATION SITUATION

Low Pressure Steam Turbine Diaphragm

APPLICATION METHOD

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflets CEP-3 and CEP-5.

BELZONA FACTS

Sheet metal shields were produced to go over the diaphragms. Welding was considered, but time and costs associated with that were prohibitive. They were able to avoid the excessive cost of welding and its extended downtime. The Belzona approach kept the equipment out of service only one week, thereby keeping the power plant on schedule during their planned outage.

INDUSTRY

Power

LOCATION

Power Plant - North Carolina, USA

APPLICATION DATE

May 2004

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1591 (Ceramic HT Metal)

SUBSTRATE

Steel

PHOTOS

1. & 2. Erosion damage is evident
3. Belzona 1111 (Super Metal) in place
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

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